FEDERAL ITEM IDENTIFICATION GUIDE

SOAPS

This Reprint replaces FIIG T004, dated June 5, 2009.

General Services Administration/FSS

Cataloging Division

ATTN: FCSC

Washington, DC 20406

(COMM) (703) 605-2536

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Table of Contents

GENERAL INFORMATION

1. Purpose and Scope

   This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

   This FIIG is comprised of the following:

   Index of Approved Item Names Covered by this FIIG
   Applicability Key Index
   Section I - Item Characteristics Data Requirements
   Section III - New text that should be here.
   Appendix A - Reply Tables
   Appendix B - Reference Drawing Groups (as applicable)
   Appendix C - Technical Data Tables (as applicable)

   a. Index of Approved Item Names Covered by this FIIG:

   The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

   b. Applicability Key Index:

   The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

   (1) The letter "X" indicates the requirement must be answered for a full descriptive item.

   (2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

   (3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

    a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

    b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

    a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

    b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

    c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

Index of Master Requirement Codes

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
CLEANING COMPOUND, HARD SURFACE-FLOOR	27683	AD

A heavy duty cleaning compound having low sudsing characteristics and suitable wetting agents for cleaning terrazzo, travertine, marble, and ceramic tile, and for removal of heavy deposits of oil, grease, and soil in shops, garages, hangars, and ramps.

COAL TAR, JUNIPER TAR, AND PINE TAR SOAP	47154	AF
DETERGENT, DRY CLEANING SOLVENT	15629	AC

A cleaner consisting essentially of organic detergents, other than fatty acid soaps, generally in liquid form, to be added to hydrocarbons or chlorinated solvents for cleaning fabrics.

DETERGENT, GENERAL PURPOSE	21449	AD

A cleaner of nonspecific chemicals compounded for the general removal of grime, dirt, and/or grease, oil, rust preventive compounds, and the like. It contains no wax to impart a polished finish and no abrasive materials. Do not use if a more specific name can be found in Cataloging Handbook H6, Section A. Excludes SOAP (as modified). See also CLEANING COMPOUND (as modified); and WETTING AGENT.

DETERGENT, LAUNDRY	15610	AE

A cleaner of nonspecific chemicals consisting essentially of organic detergents other than fatty acid soaps, in any form. It is designed to remove stain and grime from fabrics during washing. Excludes DISHWASHING COMPOUND (as modified).

DETERGENT SOLUTION, BLOOD CELL COUNTER-ANALYZER	36089	AD

A special purpose cleaner designed to remove all traces of a human blood sample from an automated blood cell counter-analyzer prior to initiation of another cell count. It is azide free, with neutral pH, nonhemolytic properties. Excludes CLEANING COMPOUND (as modified); DETERGENT (as modified).

DETERGENT, SURGICAL	08757	AB

A liquid cleanser, sporicide, germicide and bactericide, compounded with emollients for use on human skin. It is especially used by surgeons for preoperative scrub-up and to sterilize the operative site prior to surgery.

HEXACHLOROPHENE LIQUID SOAP #	50096	AA
HEXACHLOROPHENE LIQUID SOAP, USP	10521	AA

8

Approved Item Name	INC	App Key
HEXACHLOROPHENE, SALICYLIC ACID, AND SULFUR CAKE	26091	AA
SCOURING PASTE #	58208	AJ

A cleaner in paste form, containing a mild abrasive. It may or may not contain a detergent. It is primarily designed to remove stains from porcelain enameled surfaces, pans, and the like. Excludes CLEANING COMPOUND, TOILET BOWL; METAL CLEANER, SILICATE-SOAP, and SCOURING POWDER. See also SOAP, SCOURING

SCOURING POWDER	15628	AJ

A cleaner in powder form, containing insoluble siliceous (abrasive) materials. It may or may not contain a detergent. Primarily designed to remove stains from porcelain enameled surfaces, pans, and the like. Excludes CLEANING COMPOUND, TOILET BOWL; and METAL CLEANER, SILICATE-SOAP. See also SOAP, SCOURING.

SHAMPOO	29207	AA
SHAMPOO, MEDICATED	32606	AA

An item applied to the hair and scalp which is designated to have a specific therapeutic effect. For items with a cleansing effect only, see SHAMPOO.

SKIN CLEANSER	42683	AB

A non-soap cleaner, which may contain detergents, for use on human skin. May also contain emoillents. Excludes DETERGENT, SURGICAL; SOAP (as modified); and SKIN CLEANSER MEDICATED.

SKIN CLEANSER AND SHAMPOO, MEDICATED	37588	AB

An item for use on human skin, hair, and scalp which is designed to have a specific therapeutic effect.

SKIN CLEANSER, MEDICATED	36995	AB

A non-soap cleanser which may contain detergents and is designed to have specific therapeutic effect. It may also contain emoillents. Excludes DETERGENT, SURGICAL; SOAP (as modified).

SOAP, ANTISEPTIC	15227	AA

A soap with high disinfectant content. Excludes SOAP, BORAX; and SOAP, TOILET.

SOAP, BORAX	15230	AA

A uniform mixture of a thoroughly saponified soap and borax, without abrasives. It is usually used for cleansing of the hands. Excludes SOAP, ANTISEPTIC; and SOAP, TOILET.

SOAP, CASTILE	37188	AA

Approved Item Name	INC	App Key
SOAP, DISHWASHING MACHINE	15617	AF

A fatty acid soap cleaner formulated specifically for use in automatic dishwashing machines. It may be used for other dishwashing methods.

SOAP, DRY CLEANING SOLVENT	15630	AC

A fatty acid soap cleaner generally in liquid form, to be added to hydrocarbons or chlorinated solvents for cleaning fabrics.

SOAP, ENEMA	36139	AA
SOAP, FLOOR	15616	AE

A neutral vegetable or fatty acid soap cleaner in paste or liquid form, having a low caustic content. It is compounded primarily for all floors, except rubber flooring.

SOAP, GREEN, TINCTURE, MODIFIED	34698	AA
SOAP, GREEN, TINCTURE, USP	34700	AA
SOAP, GREEN, USP	34421	AA
SOAP, GRIT	15229	AA

A cleaner in cake, paste, or powder form containing insoluble siliceous materials or vegetable abrasives. It is used to remove oil, grease, paint, printing ink, or other occupational soils from the hands. Excludes HAND CLEANER.

SOAP, HARD	29265	AA
SOAP, HARNESS, BLACK	15618	AE

Excludes SOAP, SADDLE.

SOAP, LAUNDRY	15631	AG

A general purpose, fatty acid soap cleaner free from insoluble siliceous materials and carbonates. It may be supplied in flake, granulated (powder), or bar form. It may contain rosins and/or naphtha. Excludes SOAP, FLOOR.

SOAP, LAUNDRY, BUILT	29292	AE

Any soap product to which cleaning ability has been improved by the addition of such typical builders as phosphates, silicates, alkalies, and carbonates. Such additives as bleaches, CMC (carboxy-methyl cellulose), and optical brighteners are generally included in the term "builders".

SOAP, SADDLE	15619	AE

Excludes SOAP, HARNESS, BLACK.

Approved Item Name	INC	App Key
SOAP, SCOURING	15637	AH

A cleaner in bar form containing insoluble siliceous materials. See also SCOURING POWDER; and SOAP, GRIT.

SOAP, SCRUBBING, ALKALINE	15620	AE

A general purpose fatty acid soap containing alkaline salts. It is not intended for use on fabrics.

SOAP, SHAVING	10217	AA

Excludes CREAM, SHAVING.

SOAP SUBSTITUTE, TOILET #	58231	AA

A lathering soap-free preparation designed for dry or tender skin, and suitable for personal bathing. It does not contain alkalis, fatty acids, or other dermative irritants.

SOAP, SURGICAL	09854	AA
SOAP, TOILET	15228	AA

A soap preparation suitable for personal bathing. It may also be used for cleaning equipment and materials which require a soap with high cleaning properties and gentle action. Excludes SOAP, ANTISEPTIC; and SOAP, BORAX.

SOAP, WET CLEANING	15621	AE

A soap for wet cleaning fabrics which are normally dry cleaned.

APPLICABILITY KEY INDEX

	AA	AB	AC	AD	AE	AF	AG	AH	AJ
NAME	X	X	X	X	X	X	X	X	X
ANRY	AR	AR	AR	AR	AR	AR	AR	AR	AR
ANRZ	AR	AR	AR	AR	AR	AR	AR	AR	AR
ANSB	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKJB	AR	AR	AR	AR	AR	AR	AR	AR	AR
AGXW	AR		AR	AR	AR	AR	AR	AR	
ANSC	AR		AR	AR	AR	AR	AR	AR	
ANSE	AR								
ANSD	X								
ANSF			X	X					
ALBY	AR						AR		
ANSG							X		
ANSH							AR		
ANSJ							AR		
ANSP	X							X	X
ANTK	AR							AR	AR
ANTL									X
ANTM									X
ANTN				AR	AR	AR		AR	AR
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKKG	AR	AR	AR	AR	AR	AR	AR	AR	AR
AGUD	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR	AR
ALAX	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFJ	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRYC	AR	AR	AR	AR	AR	AR	AR	AR	AR
AJCN	AR	AR	AR	AR	AR	AR	AR	AR	AR

Body

SECTION: STANDARD

APP
Key   MRC   Mode Code   Requirements

ALL

    NAME   D   ITEM NAME

    Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM
    OF SUPPLY IS KNOWN.

    Reply Instructions: Enter the applicable Item Name Code appearing in the Index of
    Approved Item Names. (e.g., NAMED27683*)

ALL *

    ANRY   D   INGREDIENT CLASSIFICATION

    Definition: AN INDICATION OF THE INGREDIENT THAT HAS BEEN ADDED
    TO THE ITEM FOR CLASSIFICATION.

    Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
    ANRYDAB*; ANRYDAB$DAC*)

REPLY CODE	REPLY (AK05)
AB	MEDICATED
AC	NONMEDICATED

NOTE FOR MRCS ANRZ, ANSB, AND AKJB: REPLY TO THESE MRCS, AS
APPLICABLE, IF REPLY CODE AB IS ENTERED FOR MRC ANRY.

ALL * (See Note Above)

    ANRZ   J   STRENGTH

    Definition: THE AMOUNT OF STRENGTH IN THE ITEM.

    Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 2,
    Appendix A, Table 3, and Appendix A, Table 4, followed by the numeric value. If
    more than one ingredient, use AND coding ($$) entering in Appendix A, Table 3
    sequence. (e.g., ANRZJAQA5201AP0.003*;
    ANRZJAQB1149AP50.000$$JAQB1155AP8.000*)

13

APP
Key   MRC   Mode Code   Requirements

ALL * (See Note Preceding MRC ANRZ)

ANSB   J   STRENGTH RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF STRENGTH IN THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 2 and Appendix A, Table 3, followed by the numeric values, separated by a slash. Precede all values with a P. If more than one ingredient, use AND coding ($$) entering in Appendix A, Table 3 sequence. (e.g., ANSBJAQA5201P0.003/P0.004*; ANSBJAQA5201P0.090/P1.040$$JAQB1169P40.000/P52.000*)

ALL * (See Note Preceding MRC ANRZ)

AKJB   J   ACTIVE MEDICAMENT CONCENTRATION RATIO

Definition: THE AMOUNT OF A GIVEN SUBSTANCE IN A STATED UNIT OF A MIXTURE, SOLUTION, OR ORE.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 3, followed by the concentration ratio. (e.g., AKJBJA30161/100*; AKJBJA75461/500$$JA75511/300*)

AA*, AC*, AD*, AE*, AF*, AG*, AH*

AGXW   D   PHYSICAL FORM

Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AGXWDAH*; AGXWDAN$DAH*)

NOTE FOR MRC ANSC: IF REPLY CODE AM IS ENTERED FOR MRC AGXW, REPLY TO MRC ANSC.

AA*, AC*, AD*, AE*, AF*, AG*, AH* (See Note Above)

ANSC   D   FLOATING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A FLOATING FEATURE IS INCLUDED.

APP
Key   MRC   Mode Code   Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSCDB*; ANSCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

ANSE   D   FATTY ACID TYPE

Definition: INDICATES THE TYPE OF FATTY ACID OF WHICH THE ITEM IS COMPOSED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ANSEDA1676*; ANSEDB1192$$DB1193*)

AA

ANSD   D   LANOLIN FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A LANOLIN FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSDDB*; ANSDDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AC, AD

ANSF   D   SOLVENT TYPE

Definition: INDICATES THE TYPE OF SOLVENT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSFDAB*; ANSFDAC$$DAD*; ANSFDAC$DAD*)

REPLY CODE	REPLY (AK06)
AB	CHLORINATED
AC	OIL

APP
Key   MRC   Mode Code   Requirements

| | | AD | | PETROLEUM |
| | | AE | | WATER |

AA*, AG*

ALBY   D   USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDABP*; ALBYDABP$DABQ*)

REPLY CODE	REPLY (AH21)
ABP	FRESH WATER
ABQ	SALT WATER

AG

ANSG   D   ROSIN ADDITIVE

Definition: AN INDICATION OF WHETHER OR NOT A ROSIN ADDITIVE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSGDB*; ANSGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AG*

ANSH   B   MAXIMUM ADDITIVE PERCENTAGE

Definition: THE ALLOWABLE MAXIMUM ADDITIVE PERCENTAGE.

Reply Instructions: Enter the numeric value. (e.g., ANSHB35.0*)

AG*

ANSJ   D   TITER RATING

Definition: AN INDICATION OF THE TITER RATING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSJDAB*; ANSJDAB$DAC*)

REPLY CODE	REPLY (AK07)
AB	HIGH
AD	LOW
AC	MEDIUM

AA, AH, AJ

ANSP   D   ABRASIVE ADDITIVE

Definition: AN INDICATION OF WHETHER OR NOT AN ABRASIVE ADDITIVE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSPDB*; ANSPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*, AH*, AJ*

ANTK   D   ABRASIVE TYPE

Definition: INDICATES THE TYPE OF ABRASIVE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANTKDAG*)

REPLY CODE	REPLY (AF67)
AE	COARSE
AC	FINE
AJ	GROUND FELDSPAR
AK	GROUND QUARTZ
AL	MILD
AG	MINERAL
AH	VEGETABLE

APP Key	MRC	Mode Code	Requirements
AJ			

ANTL   D   DETERGENT ADDITIVE

Definition: AN INDICATION OF WHETHER OR NOT A DETERGENT ADDITIVE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANTLDB*; ANTLDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AJ

ANTM   D   BLEACH ADDITIVE

Definition: AN INDICATION OF WHETHER OR NOT A BLEACH ADDITIVE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANTMDB*; ANTMDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AD*, AE*, AF*, AH*, AJ*

ANTN   G   SPECIFIC USE

Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., ANTNGFOR HEAVY DUTY CLEANING*; ANTNGCLEANING ASPHALT TILE;CLEANING VINYL TILE*)

ALL *

AKKF   J   QUANTITY WITHIN EACH UNIT PACKAGE

18

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6, followed by the numeric value. (e.g., AKKFJAC1.000*; AKKFJAN4.000$JAE5.000*)

ALL *

AKKG   D   SPECIAL WRAPPING

Definition: THE UNIQUE CHARACTERISTIC NOT INHERENT TO THE TYPE OF INCLOSURE IN WHICH THE ITEM IS NORMALLY WRAPPED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKKGDAJ*; AKKGDAB$$DAF*)

REPLY CODE	REPLY (AG68)
AK	INDIVIDUALLY SEALED
AL	INDIVIDUALLY SEALED IN ALUMINUM FOIL
AB	INDIVIDUALLY WRAPPED
AC	SEALED IN FOIL ENVELOPE
AD	SEALED IN FOIL PACKET
AE	SEALED IN GLASS TUBE
AF	SEALED IN PLASTIC BAG
AG	SEALED IN PLASTIC ENVELOPE
AH	SEALED IN PLASTIC PACKET
AJ	SEALED IN PLASTIC TUBE

ALL *

AGUD   D   SUPPLY PACKAGE TYPE

Definition: INDICATES THE TYPE OF PACKAGE IN WHICH THE INTERMEDIATE PACKAGES ARE CONTAINED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., AGUDDAJ*)

ALL*

FEAT   G   SPECIAL FEATURES

19

APP Key	MRC	Mode Code	Requirements

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J   TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

20

APP
Key   MRC   Mode Code   Requirements

ALL*

    SPCL   G   SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

    ZZZK   J   SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD

APP Key	MRC	Mode Code	Requirements
		D	MANUFACTURERS SOURCE CONTROL
		R	MANUFACTURERS SPECIFICATION
		N	MANUFACTURERS SPECIFICATION CONTROL
		M	MANUFACTURERS STANDARD
		B	NATIONAL STD/SPEC
		A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
		P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT   J   NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZY   G   REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL   A   CRITICALITY CODE JUSTIFICATION

APP
Key   MRC   Mode Code   Requirements

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY   A   PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL * (See Note Above)

ENAC   D   ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

APP
Key   MRC   Mode Code   Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDGQ*)

REPLY CODE	REPLY (EN02)
BE	*GENERAL PURPOSE LAUNDRY PRODUCTS - BIOBASED*
BJ	*HAND CLEANERS - BIOBASED*
BK	*HAND SANITIZERS - BIOBASED*
GQ	LOW VOLATILE ORGANIC COMPOUND - CONSUMER PRODUCTS - HOUSEHOLD CONSUMER PRODUCTS
BT	*PRETREATMENT/SPOT REMOVERS - BIOBASED*
NR	REVIEWED-DOES NOT MEET SOME ENAC CRITERIA

NOTE FOR MRC ALAX: IF REPLY CODE BE, BJ, BK, OR BT WAS ENTERED FOR MRC ENAC, REPLY TO MRC ALAX.

ALL* (See Note Above)

ALAX   B   BIOBASED CONTENT PERCENTAGE

Definition: THE STATED PERCENTAGE OF THE ITEM'S CONTENT THAT IS BIOBASED.

Reply Instructions: Enter the numeric value. (e.g., ALAXB75.0

NOTE FOR MRC CZFJ: IF REPLY CODE GQ WAS ENTERED FOR MRC ENAC, REPLY TO MRC CZFJ.

ALL *

CZFJ   B   VOLATILE ORGANIC COMPOUND IN GRAMS PER LITER

Definition: THE VOLATILE ORGANIC COMPOUND OF THE ITEM AS RATED BY INDUSTRY, EXPRESSED IN GRAMS PER LITER.

Reply Instructions: Enter the numeric value. (CZFJB0.6*)

ALL*

ELRN   G   EXTRA LONG REFERENCE NUMBER

APP Key	MRC	Mode Code	Requirements

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD   D   EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements

ALL

AFJK J   CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF27.000*; AFJKJC9.0*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
F	CUBIC FEET
B	CUBIC INCHES
E	CUBIC METERS

ALL

SUPP G   SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZP J   PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

APP
Key   MRC   Mode Code   Requirements

APP Key	MRC	Mode Code	Requirements
	ZZZV	G	FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classification assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL

	HZRD	D	HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ038*; HZRDDHAZ038$$DHAZ136*)

APP
Key   MRC   Mode Code   Requirements

REPLY CODE	REPLY (HZ00)
HAZ136	BENZENE
HAZ225	ISOPROPYL ALCOHOL
HAZ038	SODIUM NITRATE

NOTE FOR MRC CRYC: IF CONTROLLED ITEM INVENTORY CODE (CIIC) IS Q OR R, REPLY TO MRC CRYC.

ALL (See Note Above)

CRYC   D   CONTROLLED SUBSTANCE CLASSIFICATION

Definition: DRUGS OR SUBSTANCES SUBJECT TO THE PROVISIONS OF THE COMPREHENSIVE DRUG ABUSE PREVENTION AND CONTROL ACT OF 1970.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,CRYCDC*). See Appendix C , Table 5, for guidance.

REPLY CODE	REPLY (AP11)
B	SCHEDULE II
C	SCHEDULE III
D	SCHEDULE IV
E	SCHEDULE V

AA*, AB*, AC*, AD*, AE*, AF*

AJCN   D   PROTECTIVE STORAGE FEATURE

Definition: THE PECULIAR STORAGE FEATURE(S) REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJCNDAHY*; AJCNDAHY$$DAGS*; AJCNDAHY$DAHQ*)

REPLY CODE	REPLY (AA65)
AHY	CONTROLLED ROOM TEMPERATURE
AGS	FROZEN FOR PRESERVATION
AHQ	REQUIRES REFRIGERATION BETWEEN 2 DEG AND 8 DEG CELSIUS
AHX	REQUIRES ROOM TEMPERATURE BETWEEN 15

APP Key	MRC	Mode Code	Requirements
			DEG AND 30 DEG CELSIUS
	AGW		SUBJECT TO DAMAGE BY FREEZING

BODYSUPP

Reply Tables

Table 1 - PHYSICAL FORMS

REPLY CODE	REPLY (AE98)
SY	BEAD
HC	BRIQUETTE
AM	CAKE
BM	CHIP
HB	CONCENTRATE
DU	CONCENTRATED LIQUID
ABZ	CREAM
BF	CRYSTAL
BB	CRYSTALLINE
BC	CRYSTALLINE MASS
BL	CUBE
BA	FLAKE
BG	GEL
BD	GRANULAR
BE	HONEYCOMB
AN	LIQUID
AP	LUMP
AY	LUMPFUZED
AZ	MICROCRYSTALLINE POWDER
AR	PASTE
AX	PELLET
BH	PENCIL
AH	POWDER
BK	SPONGE
AU	STICK
BJ	TEAR
BN	UNGROUND

Table 2 - MEASURES AND WEIGHTS

REPLY CODE	REPLY (AG53)
AB	CUBIC CENTIMETERS
AC	GRAMS
AM	INTERNATIONAL UNITS
AD	KILOGRAMS
AE	LITERS
AG	MICROGRAMS
AF	MILLIGRAMS
AH	MILLILITERS
AL	NF UNITS
AQ	PERCENT
AJ	UNITS
AK	USP UNITS

32

REPLY CODE   REPLY (AG53)
AN   VITAMIN UNITS

Table 3 - INGREDIENTS

REPLY CODE   REPLY (AG54)
B1137   ALKYLARYL SULFONATE
A0273   ALLANTOIN
A0342   ALMOND OIL
A0372   ALUMINUM
B1138   BEN OIL
B1139   BENZALKONIUM
A1359   BENZALKONIUM CHLORIDE
A1369   BENZENE
A1419   BENZOYL PEROXIDE
A1553   BIPHENAMINE HYDROCHLORIDE
B1189   BISPHENOL HALOGENATED
B1190   BLEACHABLE TALLOW
B1191   BORAX
A1676   BORIC ACID
B1192   BROMOSALICYLANILIDE
B1193   BUTTER FAT
A9410   CARBOXYMETHYLCELLULOSE SODIUM
A2307   CASTOR OIL
B1194   CAUSTIC ALKALI
              Caustic Potash (use Reply Code A8406)
              Caustic Soda (use Reply Code A9470)
A2421   CETYLPYRIDINIUM CHLORIDE
A5102   CHLORHEXIDINE GLUCONATE
A2600   CHLOROXYLONINE
              Coal Tar (use Reply Code A9925)
A2890   COCONUT OIL
B1195   COCONUT OIL, PROTEIN ESTERIFIED DERIVATIVES
B1196   COLLOIDAL SULFUR
A3016   CORN OIL
A3058   COTTONSEED OIL
B1148   CRESOL SOLUTION, SAPONATED
B1149   DETERGENT AGENT
B1150   DETERGENT BASE
A3467   DEXTRIN
B1152   DISTILLED COCONUT OIL
B1153   DODECYLAMINE HYDROCHLORIDE
B1154   DODECYLBENZENE SULFONATE
B1155   EMOLLIENTS
A4266   ETHYL ALCOHOL
B1156   ETHYLENE OXIDE POLYMERS
A4319   ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT

REPLY CODE	REPLY (AG54)
B1157	FISH OIL
A4797	GAMMA BENZENE HEXACHLORIDE
A4940	GLYCERIN
A4950	GLYCERYL MONOSTEARATE
B1158	GOATS MILK
A5201	HEXACHLOROPHENE
A5524	IODINE
A5745	ISOPROPYL ALCOHOL
A5914	LACTIC ACID
A5979	LAVENDER OIL
B1159	LEMON PERFUME
A6123	LINSEED OIL
B1160	LIQUIDS
A6331	MAGNESIUM SILICATE
A6944	MINERAL OIL
B1161	MUTTON TALLOW
A7541	OLEIC ACID
B1162	OLEO-PALMITO STEARATE
A7546	OLEYL ALCOHOL
A7551	OLIVE OIL
B1163	PALM KERNEL OIL
B1164	PALM OIL
B1165	PALM OIL BUTTER
A7757	PEANUT OIL
B1420	PERFUME
A7896	PETROLATUM
B1166	PHOSPHOLIPIDS
A8197	PINE OIL
B1167	POLYETHYLENE GLYCOL 400 MONOSTAURATE
B1429	POLYETHYLENE GLYCOL 400 MONOSTEARATE
B1168	POLYHYDRIC ALCOHOL
B1430	POLYOXYETHYLENE LAURYL ETHER
B1188	POLYOXYETHYLENE SORBITAL MONOLAURATE
B1187	POLYOXYETHYLENE SORBITAN MONOOLEATE
B1432	POLYOXYETHYLENE SORBITAN MONOSTEARATE
B3082	POLYUNSATURATED VEGETABLE OIL
A8406	POTASSIUM HYDROXIDE
A8420	POTASSIUM OLEATE
B1169	POTASSIUM SOAP
A8492	POVIDONE-IODINE
B1170	PURIFIED WATER
A5792	PYRINTHIONE ZINC
A9131	SAFFLOWER OIL
A9149	SALICYLIC ACID
B1171	SEAL OIL
A9246	SELENIUM SULFIDE
A9268	SESAME OIL
A9356	SOAP

REPLY CODE	REPLY (AG54)
A9391	SODIUM BICARBONATE
A9398	SODIUM BISULFATE
A9414	SODIUM CHLORIDE
B1172	SODIUM DIOCTYL SULFOSUCCINATE
A9470	SODIUM HYDROXIDE
B1464	SODIUM LAURYL SULFOACETATE
A9498	SODIUM METASILICATE
	Sodium Metositicate (use Reply Code A9498)
A9510	SODIUM NITRATE
A9514	SODIUM OLEATE
A9556	SODIUM SALICYLATE
A9562	SODIUM SESQUICARBONATE
A9563	SODIUM SILICATE
A9565	SODIUM STEARATE
A9572	SODIUM SULFATE
A9605	SODIUM TRIPOLYPHOSPHATE
A9635	SORBITAN MONOLAURATE
A9636	SORBITAN MONOOLEATE
A9638	SORBITAN MONOSTEARATE
A9639	SORBITAN SESQUIOLEATE
A9640	SORBITAN TRIOLEATE
A9641	SORBITAN TRISTEARATE
A9725	STEARIC ACID
B1174	SUCROSE MONOTALLOATE
B0114	SULFUR
B0169	TALLOW
A9925	TAR, COAL
A9927	TAR, JUNIPER
A9926	TAR, PINE
B1175	TETRAMETHYLTHIURAM DISULFIDE
B1176	TETRAPOTASSIUM PYROPHOSPHATE
B0005	TITANIUM DIOXIDE
B1179	TRICHLORO-S-TRIAZINE-TRIONE
B1180	TRICHLOROTRIAZINE
B1181	TRIETHANOLAMINE OLEATE
B1182	TRISODIUM PHOSPHATE
B0685	TUNG OIL
B1183	UREA POWDER, NF
B1184	VEGETABLE OIL
B0937	WATER
B1185	WATER SOLUTION
B1186	WHALE OIL
B1178	3,4,4'-TRICHLOROCARBANILIDE
B1177	3,4,5-TRIBROMOSALICYLANILIDE
B1151	3,5-DIBROMOSALICYLANILIDE

Table 4 - ASSAY INTERPRETATION DOSAGE

REPLY CODE	REPLY (AG55)
AB	ACTIVE INGREDIENT
AP	BLANK
AC	EQUIVALENT OF BASE
AF	EQUIVALENT OF BASE PER CUBIC CENTIMETER
AD	EQUIVALENT OF COMPOUND
AH	EQUIVALENT OF COMPOUND PER CUBIC CENTIMETER
AJ	EQUIVALENT OF COMPOUND PER GRAM
AE	EQUIVALENT OF NEGATIVE RADICAL
AG	EQUIVALENT OF NEGATIVE RADICAL PER CUBIC CENTIMETER
AK	METRIC VOLUME
AL	PER CUBIC CENTIMETER
AN	VOLUME PER CUBIC CENTIMETER
AM	VOLUME PER GRAM

Table 5 - PACKAGE TYPES

REPLY CODE	REPLY (AE96)
EA	AMPUL
AE	BAG
AL	BAG, CELLOPHANE
WG	BAG, CLOTH
WK	BAG, MULTIWALLED
PB	BAG, PAPER
BD	BAG, PLASTIC
BE	BAG, PLASTIC, WITH TUBE AND PRE-LUBRICATED RECTAL TIP
AG	BOTTLE
BK	BOTTLE, ALUMINUM
BN	BOTTLE, CRES
BR	BOTTLE, DISPOSABLE PLASTIC
BS	BOTTLE, DISPOSABLE PLASTIC, WITH EXTENSION TIP
BT	BOTTLE, DISPOSABLE PLASTIC, WITH TUBING AND RECTAL TIP
BV	BOTTLE, GLASS
CB	BOTTLE, PLASTIC
CD	BOTTLE, PLASTIC SPRAY
CE	BOTTLE, PLASTIC SQUEEZE
CF	BOTTLE, PLASTIC SQUEEZE, WITH APPLICATOR
CH	BOTTLE, PRESSURIZED
CJ	BOTTLE, SHAKER-TOP
CK	BOTTLE, SQUEEZE
CL	BOTTLE, SQUEEZE SPRAY
CM	BOTTLE, SQUEEZE, WITH NOZZLE AND/OR PIPET
CQ	BOTTLE, VACOLITER
CT	BOTTLE WITH APPLICATOR

REPLY CODE	REPLY (AE96)
CW	BOTTLE WITH DISPENSER CAP
CX	BOTTLE WITH DISPENSER TOP
DD	BOTTLE WITH SPRAY
AB	BOX
DE	BOX, DISPENSER
AC	BOX, METAL
AD	BOX, PLASTIC
DF	BOX, PLASTIC LINED
DG	BOX, PLASTIC LINED, WITH DISPENSING TUBE
DH	BOX, SHAKER
DJ	BOX WITH APPLICATOR
AARR	BOX WITH INTEGRAL PLASTIC CONTAINER
DK	CAKE
AH	CAN
DL	CAN, AEROSOL
DM	CAN OR BOTTLE
DN	CAN, SCREW CAP
DP	CAN, SHAKER-TOP
DQ	CAN, SIFTER-TOP
DR	CAN, SLIPCOVER
DT	CANISTER
AJ	CARTON
DX	CARTRIDGE
AK	CASE
AM	CUP
ED	CYLINDER
EE	DISPENSER
EF	DISPENSER-DIAL
EG	DISPENSER, PLASTIC, COMPACT
EH	DISPENSER, PLASTIC SHAKER
EJ	DISPENSER WITH HINGED LID
AN	DRUM
EK	DRUM, FIBER
AP	ENVELOPE
EL	ENVELOPE, HEAT SEALED
EM	ENVELOPE, PAPER
EN	ENVELOPE, PLASTIC
EP	FLASK
AU	GALLON
AQ	JAR
ES	JAR, GLASS
ET	JAR, PLASTIC
GK	JUG
EV	KEG
EW	KEG, CARDBOARD
EX	KEG, PLASTIC
FB	PACK
FC	PACK, DISPENSER

REPLY CODE	REPLY (AE96)
FD	PACKAGE
AR	PACKET
AAKJ	PACKET, WATER SOLUBLE
AS	PAIL
FE	PAIL, METAL
FF	PAIL, PLASTIC
AW	PINT
AT	POUCH
AV	QUART
FG	ROLL
FH	ROLL STRIP
HB	SACK
FJ	SAFTIFLASK
MM	STICK
FK	STRIP
FL	SYRINGE
FM	SYRINGE, DISPOSABLE
AX	TUBE
FS	TUBE, COLLAPSIBLE, WITH APPLICATOR
FW	TUBE, PLASTIC, SQUEEZE
FX	TUBE, SHAKER-TOP
FY	TUBE WITH APPLICATOR
BA	VIAL
GB	VIAL, DIAPHRAGM CAP
LQ	WRAPPER
LR	WRAPPER, FOIL
GH	WRAPPER, PAPER

Table 6 - INNER PACKAGE WEIGHTS AND FORMS

REPLY CODE	REPLY (AG67)
AB	CAPSULES
AC	CUBIC CENTIMETERS
AD	FLUID DRAMS
AE	FLUID OUNCES
AF	GALLONS
AG	GRAINS
BA	GRAMS
AJ	KILOGRAMS
CC	LITERS
AH	LOZENGE
AK	MICROGRAMS
AL	MILLIGRAMS
AM	MILLILITERS
AN	OUNCES
AP	PELLETS

REPLY CODE	REPLY (AG67)
AQ	PILLS
AR	PINTS
AS	POUNDS
AT	QUARTS
AV	STRIP
AW	SUPPOSITORIES
AX	TABLETS
AY	TROCHE
AZ	UNITS

Table 7 - NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR

REPLY CODE	REPLY (AD08)
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE

REPLY CODE	REPLY (AD08)
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32		.031	.0312				17/32		.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16		-----	.062	.0625			9/16		-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32		.094	.0938				19/32		.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8				.125	.1250		5/8				.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32		.156	.1562				21/32		.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16			.188	.1875			11/16			.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32		.219	.2188				23/32		.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4					.250	.2500	3/4					.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32		.281	.2812				25/32		.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16			.312	.3125			13/16			.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32		.344	.3438				27/32		.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8				.375	.3750		7/8				.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32		.406	.4062				29/32		.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16			.438	.4375			15/16			.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32		.469	.4688				31/32		.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

INTERPRETATION OF PHYSICAL FORM

PHYSICAL FORM	INTERPRETATION
CAKE	Soap as a block of compacted or congealed matter, conforming to no particular shape; includes round, flat, and bar form.
CHIP	Soap as a thin flattened piece or layer.
CRYSTAL	Soap as a small mass or bit, formed by the solidification of a chemical agent, compound, or mixture, and usually has regular repeating arrangements of its external plane face.
FLAKE	In the form of a small, thin mass, generally split, cut or peeled from a larger mass.
GRANULAR	Soap consisting of small granules of a grainy texture.
LIQUID	Soap having the implied flow characteristics of water. A substance that has definite volume, but more or less takes the shape of its container.
LIQUID CONCENTRATE	Similar to "LIQUID," but requires dilution before use.
LUMP	A compact mass usually of indefinite size or shape.
PASTE	Soap as a soft mixture of composition, smooth or rough textured, usually made by evaporation or grinding.
PASTE CONCENTRATE	Soap as a thick syrup, usually in paste form, requiring dilution before use.
PELLET	A small piece of soap having a round or spherical body.

PHYSICAL FORM	INTERPRETATION
POWDER	A fine particle of soap.
STICK	A mass that has been cut, molded or rolled into a relatively long and slender form.
TEAR	A small spherical mass elongated at one end.

GLOSSARY

To convert apothecary dose (grains) to metric equivalent (grams, milligrams), use the following:

For 2 grains and above, multiply by the constant 0.0648 to convert to grams; below 2 grains, multiply by the constant 64.8 to convert to milligrams.

To convert metric volume of a drug to grams, the following formula applies:

specific gravity X CC = GM (i.e., to convert 5CC of Paraldehyde into grams:

Sp Gr of Paraldehyde = 0.99, 0.99 X 5 = 4.95 gm Paraldehyde)

Parenteral preparations depicting the active ingredient(s) in terms of "NORMALITY" or "MOLARITY" will be described in terms of "metric weight" or "percentage".

Medicated--A soap or soap shampoo which contains an ingredient(s) classified as a drug(s), in accordance with the Federal Food, Drug and Cosmetic Act. It is intended for use in diagnosis, treatment, or prevention of disease in man or animals, or is advertised to have a therapeutic effect.

Nonmedicated--A soap or soap shampoo which does not contain an ingredient(s) classified as a drug(s), in accordance with the Federal Food, Drug and Cosmetic Act. The product is labeled, sold, and represented only as a soap or soap shampoo.

FIIG Change List

FIIG Change List, Effective July 3, 2009

Added BIOBASED to ENAC replies.